



## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

194-26572-US

SERIAL NO.

09/923,042

APPLICANT

Blaschke

FILING DATE

08/06/01

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
VM	AA	6,040,489	03/21/2000	Imai			
VM	AB	6,030,971	02/29/2000	Whittemore et al.			
VM	AC	5,388,644	02/14/1995	Romocki			
VM	AD	4,410,419	10/18/1983	Ferm			
VM	AE	4,268,403	05/19/1981	Buchman et al.			
	AF						
	AG						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AH							
	AI							
	AJ							

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

VM	AK	Kawase, Yasuhito; Technical series Distillation: Extractive distillation; Kagaku Kogaki (2001), 65(2), 91-93						
VM	AK	Van Dyk, Braam; Nieuwoudt, Izak; Design of Solvents of Extractive Distillation; Ind. Eng. Chem. Res. (2000), 39(5), 1423-1429						
VM	AL	Kim, K.J. Diwekar, U.M.; Joback, K.G.; Solvent selection under uncertainty; Abstr. Pap. - Am. Chem. Soc. (2000), 220 <sup>th</sup> , IEC-090						

EXAMINER

V. Manoharan

DATE CONSIDERED

3/20/06

\*EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next comment to applicant

RECEIVED  
JAN 14 2002  
TC 1700



## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.  
194-26572-USSERIAL NO.  
09/923,042APPLICANT  
BlaschkeFILING DATE  
08/06/01

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG,						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
	BH						YES	NO
	BI							
	BJ							

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

VH	BL	S.A.H. Zaidi; Study fo Salt Effects on the Extractive Distillation of 1- and 2-Propanol-Benzene Systems; J. Gen Chem. USSR (Engl. Transl.) 1987, 57 : 3 600 -
VH	BM	I.M. Marchenko, et al., Features of Extractive Distillation in the Presence of Low-Boiling Zeotropic Agents; J. Appl. Chem. USSR (Engl. Transl.) 1992, 65 : 3.2 500 -
VH	BN	Andrew W. Sloley, Petroleum Refining; <a href="http://www.asloley.home.mindspring.com/~f00001.html">http://www.asloley.home.mindspring.com/~f00001.html</a> ; 1998

EXAMINER

V. Mandhavan

DATE CONSIDERED

3/20/06

RECEIVED  
JAN 14 2002  
TC 1700

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next comment to applicant



## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

194-26572-US

SERIAL NO.

09/923,042

APPLICANT

Blaschke

FILING DATE

08/06/01

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA						
	CB						
	CC						
	CD						
	CE						
	CF						
	CG						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	CH							
	CI							
	CJ							
	CK							

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

VM	CL	TR-447 Toxicology and Carcinogenesis Studies of Acetonitrile (CAS NO 75-05-8) in F344/N Rats and B6C3F <sub>1</sub> Mice (Inhalation Studies); April 1996
VM	CM	Sulfolane Process; <a href="http://www.uop.com/home/petrochemicals/processes_products/sulfolane_intro.htm">http://www.uop.com/home/petrochemicals/processes_products/sulfolane_intro.htm</a>
VM	CN	Benzene Technical Data Sheet; Bayer AG, GB-CH; <a href="http://www.erdoelchemie.de/englisch/products/benzene.html">http://www.erdoelchemie.de/englisch/products/benzene.html</a>

EXAMINER

V. Manoharan

DATE CONSIDERED

3/20/06

\*EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next comment to applicant

RECEIVED  
JAN 14 2002  
TC 1700



PTO/SB/D&amp;A (07-01)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1445/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

**Complete if Known**

Application Number	09/923,042
Filing Date	08/08/2001
First Named Inventor	BLASCHKE
Art Unit	1764
Examiner Name	Virginia MANOHARAN
Attorney Docket Number	194-26572-US

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

**Examiner  
Signature**

V. Manoharan

Date Considered

3/20/00

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.